

S.D. Kim and Y.H. Lee	
Analysis on eigenvalues for preconditioning cubic spline collocation method of elliptic equations	1
S. Kęska	
A variant of the Hausdorff theorem for multi-index matrices II	17
G. Cigler	
Matrix groups with independent spectra	27
Y. Hou and J. Li	
Square nearly nonpositive sign pattern matrices	41
C.R. Johnson, S.A. Lewis and D.Y. Yau	
Possible line sums for a qualitative matrix	53
Y. Gao and J. Li	
On the potential stability of star sign pattern matrices	61
I. Daubechies and J.C. Lagarias	
Corrigendum/addendum to: Sets of matrices all infinite products of which converge	69
S.M. Fallat and M. Neumann	
On Perron complements of totally nonnegative matrices	85
M.I. Gil'	
On invertibility and positive invertibility of matrices	95
A.L. Rukhin	
Pattern correlation matrices and their properties	105
G.W. Stewart	
A generalization of Saad's theorem on Rayleigh–Ritz approximations	115
J.H. Drew, C.R. Johnson and F. Lam	
Complete positivity of matrices of special form	121
J. Holbrook and M. Omladič	
Approximating commuting operators	131
E.W. Ellers and H. Lausch	
Products of transvections in one conjugacy class of the symplectic group over the p -adic numbers	151

Table of Contents continued

G. Heinig

Chebyshev–Hankel matrices and the splitting approach for centrosymmetric Toeplitz-plus-Hankel matrices 181

M. Radjabalipour, K. Seddighi and Y. Taghavi

Additive mappings on operator algebras preserving absolute values . . . 197

N. Otsuka

Generalized controlled and conditioned invariances for linear ω -periodic discrete-time systems 207

Author index to volume 327 225

CONTENTS
Direct

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: www.elsevier.nl/locate/contentsdirect

